

Product datasheet for **SC307567**

CYP26C1 (NM_183374) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CYP26C1 (NM_183374) Human Untagged Clone
Tag:	Tag Free
Symbol:	CYP26C1
Synonyms:	FFDD4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF sequence for NM_183374 edited
 ATGTTCCCTTGGGGGCTGAGCTGCCTGTGCTGCTGGGGCGGGGGGACTGCTCTCCTG
 TGCGCGGGCTGCTGCTCAGCCTGGCCAGCACCTCTGGACCCTCCGCTGGATGCTGAGC
 CGGGACCGGGCTCCACCCTGCCTCTGCCAAGGGCTCCATGGGGTGGCCCTTCTTCGGC
 GAAACGCTGCACTGGTTAGTTCAGGGCTCGCGCTTCCACAGTTCTCGCCGAGAGCGCTAT
 GGGACAGTGTTC AAGACGCACCTGCTGGGCGAGCACCGCTGGTGGCAGCCAGTGGCCGAGAG
 AACGTGGCACCATCCTGCTGGGCGAGCACCGCTGGTGGCAGCCAGTGGCCGAGAGT
 GCGCACATCCTGCTGGGCTCGCACACACTGCTAGGTGCGGTGCGGAGCCGCACCGCGG
 CGGCGCAAGTCTGGCGCGCTGTTACGCCGCGCCGCGCTGGAGCGCTACGTGCCGCGC
 CTGCAAGGGGCGCTGCGGCATGAGGTGCGCTCCTGGTGGCGGGGGGGCGGCTCTCA
 GTCTACGACGCCTCAAAGCGCTCACCTTCCGCATGGCCGCGCGCATCCTGCTGGGGTTG
 CGGCTGGACGAGGCGCAGTGCGCCACGCTGGCCCGGACCTTCGAGCAGCTCGTGGAGA
 CTTCTTCTACTGCCTCTGGACGTTCCCTTCAAGTGGCTACGCAAGGGCATCCGGGAAGG
 GACCAGCTGCATCGGCACCTGGAGGGGGCCATTTCTGAGAAGCTTACAGGACAAGGCT
 GCAGAGCCGGGTGATGCCCTCGACCTAATCATTACAGTGAAGGGAGCTGGGCCATGAG
 CCTCCATGCAGGAGCTGAAGGAGTGGGTGTTGAGCTCCTCTTCGCCGCTTCTTACC
 ACGGCCAGTGCCAGCACCTCGCTCGTCTGCTACTGCAGCATCCGGCGGCCATCGCC
 AAGATTCGGGAGGAGCTGGTGGCGCAGGGGCTGGGGCGCGCTGCGGCTGCGCGCCGGG
 GCCGCTGGGGGACGCGAGGGGCCCGCCGACTGCGGCTGCGAGCCGACCTCAGCCTC
 GCGGCGCTGGGCCGTCTGCGCTACGTGACTGCGTGGTCAAGGAGGTGCTGCGCCTCCTG
 CCGCCAGTGTCCGGGGCTACCGCACCGCCCTGCGCACCTTCGAGCTCGACGGTACCAG
 ATCCCCAAGGGCTGGAGCGTGATGTATAGCATCCGGGACACGCACGAGACGGTGGCGTG
 TACCGCAGCCCTCCCGAAGGCTTCGATCCAGAGCGCTTCGCGCAGCGCGGAAGATTCC
 CGGGGCGCTCCAGCCGCTTCCATTACATCCCGTTCGGGCGGCTGCGCGCAGCTGCCTC
 GGCCAGGAGCTGGCGCAAGCCGTGCTCCAGCTGCTAGCTGTGGAGCTAGTGGCACCGCG
 CGCTGGGAACTGGCCACACCCGCTTCCCGCCATGCAGACGGTGCCATCGTGCACCCA
 GTGGACGGGTGCGGCTCTTTTTCCACCCCTCACGCCTTCGGTTGCGGGGAATGGGCTA
 TGCCTCTGA

Restriction Sites: Please inquire

ACCN: NM_183374

Insert Size: 1600 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: The ORF of this clone has been fully sequenced and found to be a perfect match to NM_183374.2.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_183374.2 , NP_899230.2
RefSeq Size:	1569 bp
RefSeq ORF:	1569 bp
Locus ID:	340665
UniProt ID:	Q6V0L0
Cytogenetics:	10q23.33
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Retinol metabolism
Gene Summary:	<p>This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This enzyme is involved in the catabolism of all-trans- and 9-cis-retinoic acid, and thus contributes to the regulation of retinoic acid levels in cells and tissues. This gene is adjacent to a related gene on chromosome 10q23.33. [provided by RefSeq, Jul 2008]</p>